

Converting Colors

Hex(00A66B)

Have a look what the booklet for
Hex(00A66B) contains.

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Color

Hex(00A66B)

Conversions

Conversions Part 1

Format	Color
Hex	00A66B
RGB	0, 166, 107
RGB Percent	0%, 65%, 42%
CMY	1.0000, 0.3490, 0.5804
CMYK	1.00, 0.00, 0.36, 0.35
HSL	159°, 100%, 33%
HSV	159°, 100%, 65%
XYZ	16.2901, 28.3340, 18.5203
YIQ	109.6400, -79.9970, -53.5410

Conversions

Conversions Part 2

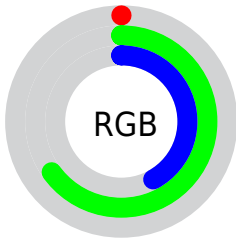
Format	Color
RYB	0, 101, 166
Decimal	42603
CIELab	60.19, -50.67, 20.55
CIELCh	60, 54.674, 157.926
Yxy	28.3340, 0.2580, 0.4487
Android (android.graphics.Color)	4278232683 (0xFF00A66B)
YUV	109.6400, -1.3015, -96.1543
Hunter-Lab	53.2297, -38.5249, 16.6318

Details

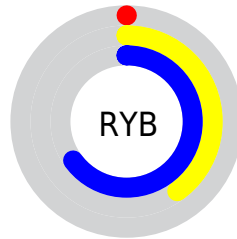
The Hex color **00A66B** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A6003B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5ADE9F**, and **00713B** is the 20% darker color. If you saturate the color by 10%, you get **00A66B**, and if you desaturate by 10%, it is **11A671**.

Distribution



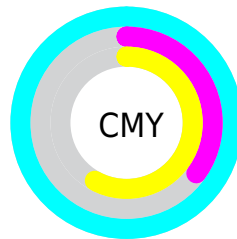
- Red (0%)
- Green (65%)
- Blue (42%)



- Red (0%)
- Yellow (40%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A66B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 00A66B by changing the saturation by 10% instead.



00A66B



00A66B

FFFFFF



008B53



5ADE9F



00713B



79FBBA



005725



97FFD6



003E0F



B4FFF2



002800



D2FFFF



000100



F1FFFF



000000



00A66B



11A671

 21A677

 32A67D

 42A683

 53A689

 64A68E

 74A694

 85A69A

 95A6A0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6C9F40



00A66B



00A99D

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00A66B



4892F1



E36F58

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



00A66B



A6003B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E96586



00A66B



A47FDD

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



00A66B



00A0EA



D56CB6



C88235

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



00A66B



00A8BD



D56CB6



E76A67

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



00A66B



98D9C2



3DA600



466E60



EDEDED



6E6E6E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



00A66B



00D98C



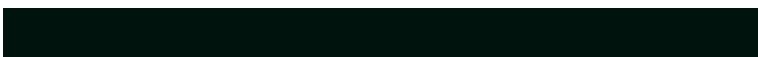
0090A6



4C5451



00945F



00140D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A6003B



D9004D



A61600



544C4F



940035



140007

Previews

White Background



This preview shows how the Hex color 00A66B looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 00A66B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

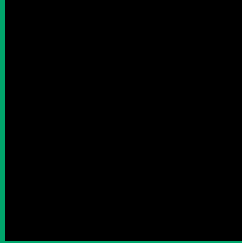
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00A66B Background



This preview shows how black text looks on a background with the Hex color 00A66B.

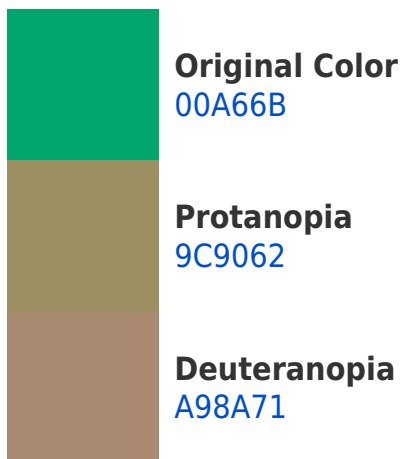


This preview shows how white text looks on a background with the Hex color 00A66B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
3A9EAB

Trichromacy



Original Color
00A66B



Protanomaly
639865



Deuteranomaly
6C946F



Tritanomaly
25A194

Monochromacy



Original Color
00A66B



Achromatopsia
6E6E6E



Achromatomaly
46826D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A66B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #00A66B looks like.

```
.text, #text, p{  
    color:#00A66B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #00A66B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A66B
}
```

Border

The CSS property to change the border of an element to Hex 00A66B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00A66B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#00A66B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #00A66B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A66B; -webkit-box-shadow:4px 4px  
4px 4px #00A66B; box-shadow:4px 4px 4px  
4px #00A66B }
```

Background

The CSS property to change the background color of an element to Hex 00A66B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A66B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#00A66B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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